



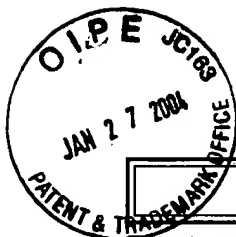
1FW

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 54313  
Application ID: 09624810  
Title of Invention: ELECTRON BEAM PHYSICAL  
VAPOR DEPOSITION APPARATUS  
First Named Inventor: Robert Bruce  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2000-07-24  
Effective Receipt Date: 2004-01-27  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 6522  
Attorney Docket Number: 13DV-13228  
Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 70865  
Deposit Account Name: Domenica N.S. Hartman  
RAM Payment Status: RAM has not been processed




Digital Certificate Holder: cn=Domenica N. S. Hartman,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 6b4335e55deca575a5b2d6a3d542151b34c28c23



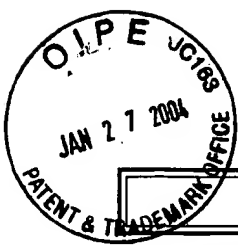
## TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

| Title of<br>Invention  | ELECTRON BEAM PHYSICAL VAPOR DEPOSITION APPARATUS |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
|--|---|----------------|---------------------------|-------------|----------------|--|-----------------------|------------------|--|------------------|--------|------------------------------|--|------------|--|------------|
| Application Number: 09/624810    |   |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| Date: 2000-07-24   |   |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| First Named Applicant: Mr. Robert W. Bruce   |   |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| Confirmation Number: 6522  |   |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| Attorney Docket Number: 13DV-13228   |   |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> |   |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Mrs. Domenica N.S. Hartman<br/>Registered Number: 32701</td><td>Domenica N.S. Hartman</td><td>Attorney</td></tr></tbody></table>   |   |                | Submitted by:             | Elec. Sign. | Sign. Capacity | Mrs. Domenica N.S. Hartman<br>Registered Number: 32701 | Domenica N.S. Hartman | Attorney         |  |                  |        |                              |  |            |  |            |
| Submitted by:  | Elec. Sign.                                       | Sign. Capacity |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| Mrs. Domenica N.S. Hartman<br>Registered Number: 32701   | Domenica N.S. Hartman                             | Attorney       |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>Hartman-A2-1445-1-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>Hartman-A2-1445-1-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>   |   |                | Documents being submitted | Files       | us-fee-sheet   | Hartman-A2-1445-1-usfees.xml                           |                       | us-fee-sheet.xsl |  | us-fee-sheet.dtd | us-ids | Hartman-A2-1445-1-usidst.xml |  | us-ids.dtd |  | us-ids.xsl |
| Documents being submitted  | Files   |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| us-fee-sheet   | Hartman-A2-1445-1-usfees.xml                      |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
|  | us-fee-sheet.xsl                                  |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
|  | us-fee-sheet.dtd                                  |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
| us-ids   | Hartman-A2-1445-1-usidst.xml                      |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
|  | us-ids.dtd  |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |
|  | us-ids.xsl  |                |                           |             |                |  |                       |                  |  |                  |        |                              |  |            |  |            |

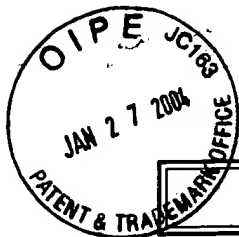
Comments

**FEE TRANSMITTAL**

Electronic Version v08

Stylesheet Version v08.0


| <b>Title of<br/>Invention</b>  | <b>ELECTRON BEAM PHYSICAL VAPOR DEPOSITION APPARATUS</b> |                 |             |           |             |   |      |     |     |
|--|--|-----------------|-------------|-----------|-------------|---|------|-----|-----|
| <b>Application Number:</b> 09/624810   |  |                 |             |           |             |   |      |     |     |
| <b>Date:</b> 2000-07-24  |  |                 |             |           |             |   |      |     |     |
| <b>First Named Applicant:</b> Mr. Robert W. Bruce  |  |                 |             |           |             |   |      |     |     |
| <b>Attorney Docket Number:</b> 13DV-13228  |  |                 |             |           |             |   |      |     |     |
| <b>Art Unit:</b> 1763  |  |                 |             |           |             |   |      |     |     |
| <b>Examiner:</b> Mr. Rudy Zervigon   |  |                 |             |           |             |   |      |     |     |
| <b>TOTAL FEE AUTHORIZED \$180</b>  |  |                 |             |           |             |   |      |     |     |
| Patent fees are subject to annual revisions on or about October 1st of each year.  |  |                 |             |           |             |   |      |     |     |
| <b>BASIC FILING FEE</b>  |  |                 |             |           |             |   |      |     |     |
| <table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table> |  | Fee Description | Fee Code    | Amount \$ | Fee Paid \$ | Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 |
| Fee Description  | Fee Code   | Amount \$       | Fee Paid \$ |           |             |   |      |     |     |
| Submission Of Information Disclosure Stmt Fee  | 1806   | 180             | 180         |           |             |   |      |     |     |
| <b>AUTHORIZED BILLING INFORMATION</b>  |  |                 |             |           |             |   |      |     |     |
| The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:   |  |                 |             |           |             |   |      |     |     |
| Deposit account number: 070865   |  |                 |             |           |             |   |      |     |     |
| Deposit name: General Electric Company   |  |                 |             |           |             |   |      |     |     |
| Deposit authorized name: Domenica N.S. Hartman   |  |                 |             |           |             |   |      |     |     |
| Signature: Domenica N.S. Hartman   |  |                 |             |           |             |   |      |     |     |
| Date (YYYYMMDD): 2004-01-27  |  |                 |             |           |             |   |      |     |     |
| Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.   |  |                 |             |           |             |   |      |     |     |



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of<br>Invention   | ELECTRON BEAM PHYSICAL VAPOR DEPOSITION<br>APPARATUS |            |            |            |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |            |  |     |     |               |      |  |  |
|---|--|------------|------------|------------|------|-------|----------|------|----------|------------|------|----------|------|-------|----------|--|---|---------|------------|------------|--|-----|-----|---------------|------|--|--|
| <p>Application Number: 09/624810 </p> <p>Confirmation Number: 6522</p> <p>First Named Applicant: Robert Bruce</p> <p>Attorney Docket Number: 13DV-13228</p> <p>Art Unit: 1763</p> <p>Examiner: Mr. Rudy Zervigon</p> <p>Search string: ( 5698273 ).pn.</p> <p><b>US Patent Documents</b></p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5698273</td><td>1997-12-16</td><td>Azad et al</td><td></td><td>427</td><td>566</td></tr></tbody></table> <p><b>Signature</b></p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table> |  |            |            |            |      |       |          | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass |  | 1 | 5698273 | 1997-12-16 | Azad et al |  | 427 | 566 | Examiner Name | Date |  |  |
| init  | Cite.No.   | Patent No. | Date       | Patentee   | Kind | Class | Subclass |      |          |            |      |          |      |       |          |  |   |         |            |            |  |     |     |               |      |  |  |
|   | 1  | 5698273    | 1997-12-16 | Azad et al |      | 427   | 566      |      |          |            |      |          |      |       |          |  |   |         |            |            |  |     |     |               |      |  |  |
| Examiner Name   | Date   |            |            |            |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |            |  |     |     |               |      |  |  |
|   |  |            |            |            |      |       |          |      |          |            |      |          |      |       |          |  |   |         |            |            |  |     |     |               |      |  |  |

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